



Mineral Industry Surveys

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IRON ORE IN JUNE 2003

U.S. mine production of iron ore in June 2003, on a daily average basis, was 4% lower than that of the prior month, according to the U.S. Geological Survey. Average daily production was 125 thousand metric tons per day (t/d), compared with 129 thousand t/d in May. Production in June 2002 was 162 thousand t/d. Shipments decreased by 6% compared with those of the previous month. Mine stocks at the

end of the month were 13% lower than at the end of the previous month.

Note

All data in this report have been rounded to no more than three significant digits. Totals and percentages were calculated by using unrounded data.

TABLE 1
U.S. PRODUCTION AND SHIPMENTS OF IRON ORE^{1,2}
(Exclusive of ore containing 5% or more of manganese)

(Thousand metric tons)

Period	Production		Shipments	
	Monthly	Year to date	Monthly	Year to date
2002:				
June	4,870	24,100	5,810	21,600
July	4,430	28,500	5,720	27,300
August	4,580	33,100	5,530	32,800
September	4,270	37,400	4,910	37,700
October	4,650	42,000	4,790	42,500
November	4,740	46,800	4,480	47,000
December	4,700	51,500	5,040	52,000
2003:				
January	4,310	4,310	2,880	2,880
February	4,290	8,610	1,140	4,030
March	4,080	12,700	1,810	5,830
April	4,230	16,900	4,790	10,600
May	4,010	20,900	5,340	16,000
June	3,740	24,700	4,840	20,800

¹Data are rounded to no more than three significant digits.

²Excludes byproduct ores.

TABLE 2
U.S. PRODUCTION, SHIPMENTS, AND STOCKS OF IRON ORE IN JUNE^{1,2}

(Thousand metric tons)

State	Production		Shipments ³		Stocks ⁴	
	2003	2002	2003	2002	2003	2002
Michigan	664	1,240	1,180	1,370	1,350	1,440
Minnesota	3,070	3,620	3,660	4,440	5,730	4,890
Total	3,740	4,870	4,840	5,810	7,080	6,330

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Excludes byproduct ore.

³Includes rail and vessel.

⁴Includes mines, plants, and loading docks.

TABLE 3
CANADA: SHIPMENTS OF IRON ORE¹

(Thousand dry metric tons)

Period	Newfoundland	Quebec	British Columbia	Total
2002:				
May	2,390	1,240	8	3,630
June	1,530	828	6	2,370
July	2,290	1,020	7	3,320
August	1,770	940	9	2,720
September	1,970	1,250	7	3,220
October	2,040	1,180	8	3,220
November	2,100	1,390	7	3,500
December	1,100	1,020	5	2,120
Year total	18,900	11,900	91	30,800
2003:				
January	862	699	6	1,570
February	674	580	6	1,260
March	989	578	7	1,570
April	1,800	1,120	5	2,930
May	1,960	1,540	4	3,510

¹Data are rounded to no more than three significant digits; may not add to totals shown.

Source: Natural Resources Canada.

TABLE 4
CONSUMPTION AND STOCKS OF IRON ORE AND BLAST FURNACE PRODUCTION OF HOT
METAL AT U.S. IRON AND STEEL PLANTS^{1,2}

(Thousand metric tons)

Consumption by source	Consumption of ores and agglomerates			
	May		January-May	
	2003	2002	2003	2002
United States ores	3,700	3,750	19,300	19,400
Canadian ores	236	246	1,580	1,330
Foreign ores	391	520	3,110	2,770
Total	4,320	4,520	23,900	23,500
Consumption by process				
Blast furnaces	3,970	4,110	21,600	21,300
Steel furnaces	2	2	104	19
Agglomerating plants ³	354	410	2,190	2,170
Miscellaneous ⁴	--	--	--	--
Total	4,320	4,520	23,900	23,500
Stocks of ores and agglomerates,				
May				
Storage point	2003	2002		
Furnace yards	8,780	7,230		
Receiving/transfer docks	729	1,190		
Total consumer	9,510	8,410		
Blast furnace production of hot metal				
May				
	2003	2002	2003	2002
Hot metal and pig iron produced in blast furnaces	3,070	3,250	16,800	15,900
No. of blast furnaces operating on the last day of the month	31	28	XX	XX

XX Not applicable. -- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes agglomerates.

³Iron ore and iron ore concentrates consumed in agglomerating plants not located at the mine or plant site.

⁴Sold to nonreporting companies or used for purposes not listed.

⁵Includes revisions to previous month's data.

Sources: American Iron Ore Association (consumption of iron ore) and American Iron and Steel Institute (production of hot metal and pig iron).

TABLE 5
U.S. EXPORTS OF IRON ORE, BY COUNTRY OF DESTINATION AND TYPE^{1,2}

(Thousand metric tons)

Country of destination and type	2002 4th quarter	2003			
		March	April	1st quarter	May
Canada	1,470	161	569	757	655
Mexico	11	(3)	(3)	3	(3)
Other	1	(3)	(3)	1	3
Total	1,480	161	569	761	658
Pellets	1,460	161	568	756	655
Other	26	(3)	1	4	3
Total	1,480	161	569	761	658

¹Revised.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes agglomerates.

³Less than 1/2 unit.

Source: U.S. Census Bureau.

TABLE 6
U.S. IMPORTS FOR CONSUMPTION OF IRON ORE, BY COUNTRY AND TYPE^{1,2}
(Exclusive of ore containing 20% or more manganese)

Country of origin and type of product	2003					2002
	May		Year to date			January-May
	Thousand metric tons	Value ³ (thousand dollars)	Thousand metric tons	Value ³ (thousand dollars)	Value ³ (dollars per ton)	Thousand metric tons
Australia	--	--	128	1,110	8.61	253
Brazil	442	9,180	2,070	49,100	23.67	1,990
Canada	627	18,000	1,790	48,800	27.32	1,140
Chile	48	1,020	94	2,000	21.34	116
Norway	--	--	--	--	--	10
Peru	29	461	29	492	16.94	35
Other	27	650	30	790	26.37	77
Total	1,170	29,400	4,140	102,000	24.70 ⁵	3,620
Concentrates	144	2,970	388	7,100	18.29	186
Coarse ores	3	146	3	146	50.00	3
Fine ores	281	4,660	745	10,900	14.68	1,200
Pellets	744	21,600	2,840	81,000	28.56	2,020
Briquettes	--	--	--	--	--	39
Other agglomerates	--	--	166	2,920	17.60	162
Roasted pyrites	--	--	4	178	49.92	7
Total	1,170	29,400	4,140	102,000	24.70 ⁵	3,620

-- Zero.

¹Data, with the exception of the dollars per ton column, are rounded to no more than three significant digits; may not add to totals shown.

²Includes agglomerates.

³Customs value. Excludes cost, insurance, and freight valuation.

⁴Less than 1/2 unit.

⁵Weighted average calculated by dividing total value by total tonnage.

Source: U.S. Census Bureau.

TABLE 7
U.S. IMPORTS FOR CONSUMPTION OF IRON ORE IN MAY 2003^{1,2}
(Exclusive of ore containing 20% or more manganese)

(Thousand metric tons)

Country of origin	Type of product						Total
	Concentrates	Coarse ores	Fine ores	Pellets	Briquettes and other agglomerates	Roasted pyrites	
Brazil	69	--	228	144	--	--	442
Canada	27	--	1	600	--	--	627
Other	48	3	53	--	--	--	103
Total	144	3	281	744	--	--	1,170

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes agglomerates.

³Less than 1/2 unit.

Source: U.S. Census Bureau.

TABLE 8
U.S. IMPORTS FOR CONSUMPTION OF PELLETS, BY COUNTRY¹

Country of origin	2003					2002
	May		Year to date			January-May
	Thousand metric tons	Value ² (thousand dollars)	Thousand metric tons	Value ² (thousand dollars)	Value ² (dollars per ton)	Thousand metric tons
Brazil	144	3,990	1,320	36,800	\$27.88	1,110
Canada	600	17,600	1,520	44,200	29.16	916
Total	744	21,600	2,840	81,000	28.56	2,020

¹Data, with the exception of the dollars per ton column, are rounded to no more than three significant digits; may not add to totals shown.

²Customs value. Excludes cost, insurance, and freight valuation.

³Weighted average calculated by dividing total value by total tonnage.

Source: U.S. Census Bureau.

TABLE 9
U.S. IMPORTS FOR CONSUMPTION OF IRON ORE,
BY CUSTOMS DISTRICT^{1, 2}
(Exclusive of ore containing 20% or more manganese)

(Thousand metric tons)

Customs district	May	January-May	
	2003	2003	2002
Baltimore, MD (13)	367	1,450	1,740
Buffalo, NY (09)	1	3	--
Charleston, SC (16)	--	106	79
Chicago, IL (39)	107	211	104
Cleveland, OH (41)	352	752	156
Columbia - Snake, OR (29)	--	--	28
Detroit, MI (38)	49	49	48
Houston - Galveston, TX (53)	--	37	28
Laredo, TX (23)	--	--	11
Los Angeles, CA (27)	--	(3)	(3)
Miami, FL (52)	--	--	4
Mobile, AL (19)	--	59	32
New Orleans, LA (20)	296	1,470	1,370
Ogdensburg, NY (07)	--	1	--
Philadelphia, PA (11)	--	3	3
San Juan, PR (49)	--	--	10
Total	1,170	4,140	3,620

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes agglomerates.

³Less than 1/2 unit.

Source: U.S. Census Bureau.

TABLE 10
U.S. IMPORTS FOR CONSUMPTION OF PELLETS,
BY CUSTOMS DISTRICT¹

(Thousand metric tons)

Customs district	May	January-May	
	2003	2003	2002
Baltimore, MD (13)	150	513	627
Charleston, SC (16)	--	105	79
Chicago, IL (39)	--	--	29
Cleveland, OH (41)	352	752	156
Detroit, MI (38)	49	49	25
Houston-Galveston, TX (53)	--	37	17
Laredo, TX (23)	--	--	11
Mobile, AL (19)	--	59	--
New Orleans, LA (20)	193	1,320	1080
Total	744	2,840	2,020

--Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

Source: U.S. Census Bureau.